Electronic Acknowledgement Receipt				
EFS ID:	3181032			
Application Number:	09491461			
International Application Number:				
Confirmation Number:	8555			
Title of Invention:	Method and apparatus for optimizing a multivariate allocation of resources			
First Named Inventor/Applicant Name:	Paul Dagum			
Customer Number:	33031			
Filer:	Cyrus F. Bharucha/Toni Stanley			
Filer Authorized By:	Cyrus F. Bharucha			
Attorney Docket Number:	RAP0001P1US			
Receipt Date:	21-APR-2008			
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Application Type:	Utility under 35 USC 111(a)			
Payment information:				

## Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$180
RAM confirmation Number	8053
Deposit Account	502306
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /.zip	Pages (if appl.
1 Information Disclosure Statement (IDS) Filed		RAP0001P1US_IDS_and_P	85418	no	3
	TO1449.pdf	ace39468bd09a0a9fe67048dec27b1ed 969e3a66			
Warnings:					
Information:					
This is not an	JSPTO supplied IDS fillable form				
2 NPL Documents	Powell_1978.pdf	2263115	no	37	
		e6b668c892elb972257i0323H422id7a5 7958589			
Warnings:					
Information:					
3 Fee Worksheet (PTO-06)	fee-info.pdf	8198	no	2	
		af0c246441c1462c2l470670d5676dba6 ab15c64			

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## New Applications Under 35 U.S.C. 111

File Listing.

Information:

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

## National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

## New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.